## IN THE CLAIMS:

Please substitute the following amended claims for their corresponding claims:

1. (Amended). A method of fabricating an integrated circuit using CMP consisting essentially of:

providing a substrate;

depositing silicon dioxide over the substrate;

forming a CMP slurry containing cerium oxide;

adding a slurry modifier to the slurry, wherein the

slurry modifier polishes low structure areas at a substantially zero rate and polishes high structure areas at a rate approximating a blanket polishing rate; and

polishing the silicon dioxide using the modifier-contained slurry.

5. (Amended). A method of fabricating an integrated circuit using CMP consisting essentially of:

providing a substrate;

depositing silicon dioxide over the substrate;

forming a CMP slurry containing cerium oxide at a concentration of between about 1% and 50% by weight;

adding a slurry modifier to the slurry, wherein the slurry modifier polishes low structure areas at a substantially zero rate and polishes high structure areas at a rate approximating a blanket polishing rate; and

polishing the silicon dioxide using the modifier-contained slurry.

8. (Amended). A method of fabricating an integrated circuit using CMP consisting essentially of:

providing a substrate;

depositing silicon dioxide over the substrate;

forming a CMP slurry containing cerium oxide at a concentration of between about 1% and 50% by weight;

adding ethylene glycol at a concentration of up to 50% for polishing low structure areas at a substantially zero rate and polishing high structure areas at a rate approximating a blanket polishing rate; and polishing the silicon dioxide using the slurry.

10. (Amended). A method of fabricating an integrated circuit using CMP consisting essentially of:

providing a substrate;

depositing silicon dioxide over the substrate such that the silicon dioxide forms low structure areas and high structure areas;

forming a CMP slurry containing cerium oxide;

adding a slurry modifier to the slurry to produce a modified slurry that polishes the low structure areas at a substantially zero rate and polishes the high structure areas at a rate approximating a blanket polishing rate; and

polishing the silicon dioxide having high structure areas and low structure areas using the modified slurry, whereby high

structure areas are polished at a rate approximating a blanket polishing rate and low structure areas are polished at a substantially zero rate.

13 (Twice Amended). A method of fabricating an integrated circuit using CMP consisting essentially of:

providing a substrate;

depositing silicon dioxide over the substrate such that the silicon dioxide forms low structure areas and high structure areas;

forming a CMP slurry having a high structure polishing rate lower than a blanket polishing rate;

adding a slurry modifier to the slurry to produce a modified slurry that polishes high structures at a rate approximating the blanket polishing rate; and

polishing the high structure areas of silicon dioxide.

16. (Amended). A method of chemically-mechanically polishing a silicon dioxide layer having high structure areas and low structure areas overlying a semiconductor substrate consisting essentially:

forming a slurry comprising cerium oxide and ethylene glycol; and

polishing the silicon dioxide layer only such that the high structure areas are polished at a rate approximating a blanket polishing rate, and the low structure areas are polished at a substantially zero rate.

## Attachment to Erediniinary Amendment Accompanying Response to Office Action Under 37 C.F.R. § 1.111 Dated November 13, 2001

## Claims Pending in Application Serial No. 09/270,606 Incorporating All Changes as of November 13, 2001

1. (Amended). A method of fabricating an integrated circuit using CMP consisting essentially of:

providing a substrate;

depositing silicon dioxide over the substrate;

forming a CMP slurry containing cerium oxide;

adding a slurry modifier to the slurry, wherein the slurry modifier polishes low structure areas at a substantially zero rate and polishes high structure areas at a rate approximating a blanket polishing rate; and polishing the silicon dioxide using the modifier-contained slurry.

- 2. The method of claim 1 wherein said forming includes setting a cerium oxide concentration of between about 1% and 50% by weight.
- 3. The method of claim 1 wherein said polishing includes CMP at a pressure of between about five psi and ten psi.
- 4. The method of claim 1 wherein said adding includes adding ethylene glycol at a concentration of up to 50%.

5. (Amended). A method of fabricating an integrated circuit using CMP consisting essentially of:

providing a substrate;

depositing silicon dioxide over the substrate;

forming a CMP slurry containing cerium oxide at a concentration of between about 1% and 50% by weight;

adding a slurry modifier to the slurry, wherein the slurry modifier polishes low structure areas at a substantially zero rate and polishes high structure areas at a rate approximating a blanket polishing rate; and polishing the silicon dioxide using the modifier-contained slurry.

- 6. The method of claim 5 wherein said polishing includes CMP at a pressure of between about five psi and ten psi.
- 7. The method of claim 5 wherein said adding includes adding ethylene glycol at a concentration of up to 50%.
- 8. (Amended). A method of fabricating an integrated circuit using CMP consisting essentially of:

providing a substrate;

depositing silicon dioxide over the substrate;

forming a CMP slurry containing cerium oxide at a concentration of between about 1% and 50% by weight;

adding ethylene glycol at a concentration of up to 50% for polishing low structure areas at a substantially zero rate and polishing high structure areas at a rate approximating a blanket polishing rate; and

polishing the silicon dioxide using the slurry.

- 9. The method of claim 8 wherein said polishing includes CMP at a pressure of between about five psi and ten psi.
- 10. (Amended). A method of fabricating an integrated circuit using CMP consisting essentially of:

providing a substrate;

depositing silicon dioxide over the substrate such that the silicon dioxide forms low structure areas and high structure areas;

forming a CMP slurry containing cerium oxide;

adding a slurry modifier to the slurry to produce a modified slurry that polishes the low structure areas at a substantially zero rate and polishes the high structure areas at a rate approximating a blanket polishing rate; and

polishing the silicon dioxide having high structure areas and low structure areas using the modified slurry, whereby high structure areas are polished at a rate approximating a blanket polishing rate and low structure areas are polished at a substantially zero rate.

- 11. The method of claim 10, wherein the high structure areas and the low structure areas are both formed of silicon dioxide.
- 12. The method of claim 10, wherein the slurry modifier is ethylene glycol.

13 (Twice Amended). A method of fabricating an integrated circuit using CMP consisting essentially of:

providing a substrate;

depositing silicon dioxide over the substrate such that the silicon dioxide forms low structure areas and high structure areas;

forming a CMP slurry having a high structure polishing rate lower than a blanket polishing rate;

adding a slurry modifier to the slurry to produce a modified slurry that polishes high structures at a rate approximating the blanket polishing rate; and

polishing the high structure areas of silicon dioxide.

- 14. The method of claim 13, wherein the CMP slurry comprises cerium oxide.
- 15. The method of claim 13, wherein the slurry modifier is ethylene glycol.
- 16. (Amended). A method of chemically-mechanically polishing a silicon dioxide layer having high structure areas and low structure areas overlying a semiconductor substrate consisting essentially:

forming a slurry comprising cerium oxide and ethylene glycol; and

polishing the silicon dioxide layer only such that the high structure areas are polished at a rate approximating a blanket polishing rate, and the low structure areas are polished at a substantially zero rate. 17 (Amended). A method of fabricating an integrated circuit using CMP consisting essentially of:

providing a substrate;

depositing silicon dioxide over the substrate such that the silicon dioxide forms low structure areas and high structure areas;

forming a CMP slurry having a low-density high structure polishing rate and a high-density high structure polishing rate, wherein the low-density high structure polishing rate is essentially the same as a high-density high structure polishing rate; and

polishing the high structure areas, whereby the polishing rate is independent of pattern density.

- The method of claim 17, wherein said forming includes setting a cerium oxide concentration of between about 1% and 50% by weight.
- 19. The method of claim 17, wherein said polishing includes CMP at a pressure of between about five psi and ten psi.
- 20. The method of claim 17, wherein said forming includes adding ethylene glycol at a concentration of up to 50%.